

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/576,290

DATE: 12/01/2000
TIME: 04:04:26

INPUT SET: S3601170

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This Raw Listing contains the General
Information Section and up to the first 5 pages.

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SEQUENCE LISTING

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(1) General Information:

(i) APPLICANT: Hinuma, Shuji
Habata, Yugo
Kawamata, Yuji
Hosoya, Masaki
Fujii, Ryo
Fukusumi, Shoji
Kitada, Chieko

(ii) TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE

(iii) NUMBER OF SEQUENCES: 140

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
(B) STREET: 130 Water Street
(C) CITY: Boston
(D) STATE: MA
(E) COUNTRY: USA
(F) ZIP: 02109

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/576,290
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/776,971
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 7/343371
(B) FILING DATE: 28-DEC-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 8/59419
(B) FILING DATE: 15-MAR-1996

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47
48 (vii) PRIOR APPLICATION DATA:
49 (A) APPLICATION NUMBER: JP 8/211805
50 (B) FILING DATE: 12-AUG-1996

51
52 (vii) PRIOR APPLICATION DATA:
53 (A) APPLICATION NUMBER: JP 8/246573
54 (B) FILING DATE: 18-SEP-1996

55
56 (viii) ATTORNEY/AGENT INFORMATION:
57 (A) NAME: Conlin, David G.
58 (B) REGISTRATION NUMBER: 27,026
59 (C) REFERENCE/DOCKET NUMBER: 47176

60
61 (ix) TELECOMMUNICATION INFORMATION:
62 (A) TELEPHONE: 617-523-3400
63 (B) TELEFAX: 617-523-6440

64
65
66 (2) INFORMATION FOR SEQ ID NO:1:

67
68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 98 amino acids
70 (B) TYPE: amino acid
71 (C) STRANDEDNESS: single
72 (D) TOPOLOGY: linear

73
74 (ii) MOLECULE TYPE: protein

75
76 (v) FRAGMENT TYPE: internal

77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

79
80 Met Lys Ala Val Gly Ala Trp Leu Leu Cys Leu Leu Leu Leu Gly Leu
81 1 5 10 15
82 Ala Leu Gln Gly Ala Ala Ser Arg Ala His Gln His Ser Met Glu Ile
83 20 25 30
84 Arg Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg
85 35 40 45
86 Pro Val Gly Arg Phe Gly Arg Arg Arg Ala Ala Pro Gly Asp Gly Pro
87 50 55 60
88 Arg Pro Gly Pro Arg Arg Val Pro Ala Cys Phe Arg Leu Glu Gly Gly
89 65 70 75 80
90 Ala Glu Pro Ser Arg Ala Leu Pro Gly Arg Leu Thr Ala Gln Leu Val
91 85 90 95
92 Gln Glu

93
94
95 (2) INFORMATION FOR SEQ ID NO:2:

96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 294 base pairs
99 (B) TYPE: nucleic acid

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100          (C) STRANDEDNESS: double
101          (D) TOPOLOGY: linear
102
103      (ii) MOLECULE TYPE: cdna
104
105      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
106
107      ATGAAGGCGG TGGGGGCTG GCTCCTCTGC CTGCTGCTGC TGGGCCTGGC CCTGCAGGGG      60
108      GCTGCCAGCA GAGCCCACCA GCACTCCATG GAGATCCGCA CCCCCGACAT CAACCCCTGCC      120
109      TGGTACGCRG GCCGTGGGAT CCGGCCCGTG GGCCGCTTCG GCCGGCGAAG AGCTGCCCCY      180
110      GGGGACGGAC CCAGGCCTGG CCCCCGGCGT GTGCCGGCCT GCTTCCGCCT GGAAGGCGGY      240
111      GCTGAGCCCT CCCGAGCCCT CCCGGGGCGG CTGACGGCCC AGCTGGTCCA GGAA      294
112
113
114          (2) INFORMATION FOR SEQ ID NO:3:
115
116      (i) SEQUENCE CHARACTERISTICS:
117          (A) LENGTH: 29 amino acids
118          (B) TYPE: amino acid
119          (C) STRANDEDNESS: single
120          (D) TOPOLOGY: linear
121
122      (ii) MOLECULE TYPE: protein
123
124      (v) FRAGMENT TYPE: internal
125
126      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
127
128      Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
129      1          5          10          15
130      Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly
131      20          25
132
133
134          (2) INFORMATION FOR SEQ ID NO:4:
135
136      (i) SEQUENCE CHARACTERISTICS:
137          (A) LENGTH: 19 amino acids
138          (B) TYPE: amino acid
139          (C) STRANDEDNESS: single
140          (D) TOPOLOGY: linear
141
142      (ii) MOLECULE TYPE: protein
143
144      (v) FRAGMENT TYPE: internal
145
146      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
147
148      Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro
149      1          5          10          15
150      Val Gly Arg
151
152

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153 (2) INFORMATION FOR SEQ ID NO:5:

154

155 (i) SEQUENCE CHARACTERISTICS:

156 (A) LENGTH: 31 amino acids

157 (B) TYPE: amino acid

158 (C) STRANDEDNESS: single

159 (D) TOPOLOGY: linear

160

161 (ii) MOLECULE TYPE: protein

162

163 (v) FRAGMENT TYPE: internal

164

165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

167 Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

168 1 5 10 15

169 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe

170 20 25 30

171

172

173 (2) INFORMATION FOR SEQ ID NO:6:

174

175 (i) SEQUENCE CHARACTERISTICS:

176 (A) LENGTH: 32 amino acids

177 (B) TYPE: amino acid

178 (C) STRANDEDNESS: single

179 (D) TOPOLOGY: linear

180

181 (ii) MOLECULE TYPE: protein

182

183 (v) FRAGMENT TYPE: internal

184

185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

186

187 Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

188 1 5 10 15

189 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly

190 20 25 30

191

192

193 (2) INFORMATION FOR SEQ ID NO:7:

194

195 (i) SEQUENCE CHARACTERISTICS:

196 (A) LENGTH: 33 amino acids

197 (B) TYPE: amino acid

198 (C) STRANDEDNESS: single

199 (D) TOPOLOGY: linear

200

201 (ii) MOLECULE TYPE: protein

202

203 (v) FRAGMENT TYPE: internal

204

205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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206
207 Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
208 1 5 10 15
209 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly
210 20 25 30
211 Arg
212
213

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- 217 (A) LENGTH: 20 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: linear
221

222 (ii) MOLECULE TYPE: protein

223
224 (v) FRAGMENT TYPE: internal
225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

227
228 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro
229 1 5 10 15
230 Val Gly Arg Phe
231 20
232
233

234 (2) INFORMATION FOR SEQ ID NO:9:

235 (i) SEQUENCE CHARACTERISTICS:

- 236 (A) LENGTH: 21 amino acids
237 (B) TYPE: amino acid
238 (C) STRANDEDNESS: single
239 (D) TOPOLOGY: linear
240
241

242 (ii) MOLECULE TYPE: protein

243
244 (v) FRAGMENT TYPE: internal
245

246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

247
248 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro
249 1 5 10 15
250 Val Gly Arg Phe Gly
251 20
252
253

254 (2) INFORMATION FOR SEQ ID NO:10:

255 (i) SEQUENCE CHARACTERISTICS:

- 256 (A) LENGTH: 22 amino acids
257 (B) TYPE: amino acid
258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/576,290

DATE: 12/01/2000
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Line

Error

Original Text

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/576,290

DATE: 12/01/2000
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INPUT SET: S36162.raw

PRIOR APPLICATION DATA More Identifiers Found Than MAX Allowed

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SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/576,290

DATE: 12/01/2000
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INPUT SET: S36162.raw

Line	Original Text	Corrected Text
2558	(2) INFORMATION FOR SEQ ID NO:110	(2) INFORMATION FOR SEQ ID NO:110: